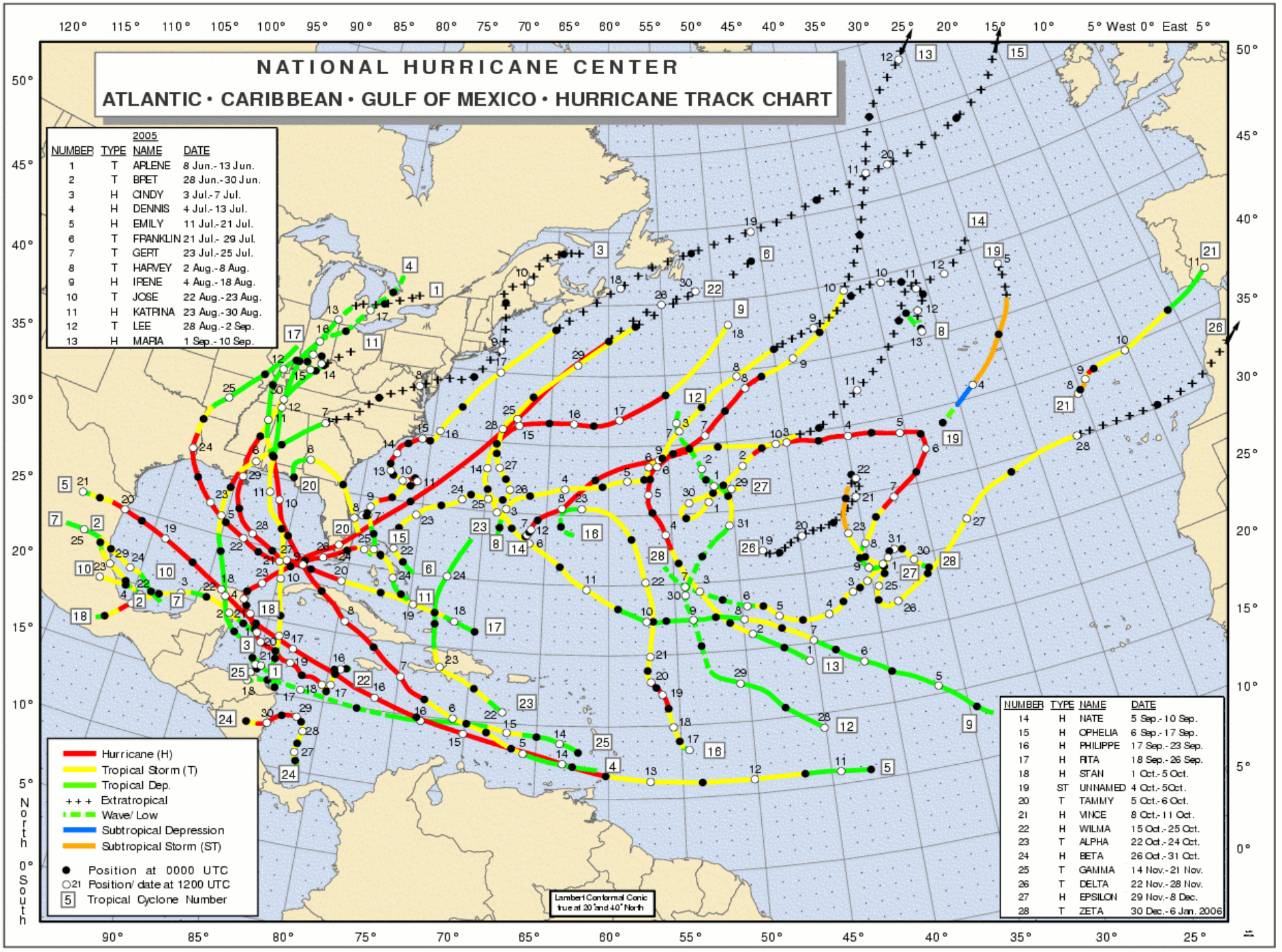
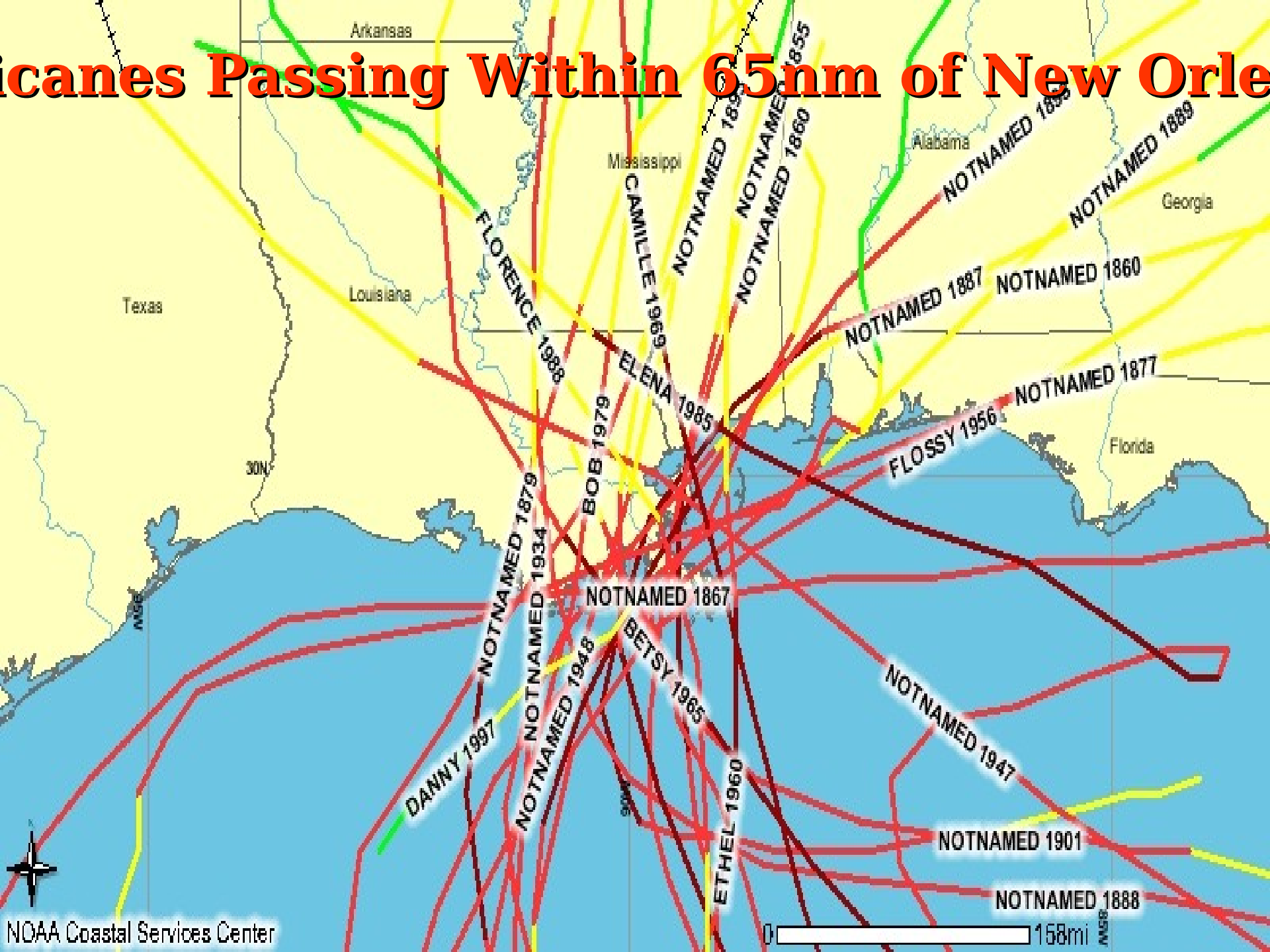
2006 NEW ORLEANS
INTERAGENCY
HURRICANE WORKSHOP
LAFAYETTE
NOAA
HURRICANE ANDREW
LANDFALL AUGUST 26. 1992 12:30 AM CDT
8 0060 GOES-7 IR 08 26 AUG 92239 053100 02513 08925 04 00


NATIONAL HURRICANE CENTER
ATLANTIC • CARIBBEAN • GULF OF MEXICO • HURRICANE TRACK CHART
2005
NUMBER TYPE NAME DATE
1 T ARLENE 8 Jun.-13 Jun.
2 T BRET 28 Jun.-30 Jun.
3 H CINDY 3 Jul.-7 Jul.
4 H DENNIS 4 Jul.-13 Jul.
5 H EMILY 11 Jul.-21 Jul.
6 T FRANKLIN 21 Jul.- 29 Jul.
7 T GERT 23 Jul.-25 Jul.
8 T HARVEY 2 Aug.-8 Aug.
9 H IRENE 4 Aug.-18 Aug.
10 T JOSE 22 Aug.-23 Aug.
11 H KATRINA 23 Aug.-30 Aug.
12 T LEE 28 Aug.-2 Sep.
13 H MARIA 1 Sep.-10 Sep.
NUMBER TYPE NAME DATE
14 H NATE 5 Sep.-10 Sep.
15 H OPHELIA 6 Sep.-17 Sep.
16 H PHILIPPE 17 Sep.-23 Sep.
17 H RITA 18 Sep.-26 Sep.
18 H STAN 1 Oct.-5 Oct.
19 ST UNNAMED 4 Oct.-5Oct.
20 T TAMMY 5 Oct.-6 Oct.
21 H VINCE 8 Oct.-11 Oct.
22 H WILMA 15 Oct.-25 Oct.
23 T ALPHA 22 Oct.-24 Oct.
24 H BETA 26 Oct.-31 Oct.
25 T GAMMA 14 Nov.-21 Nov.
26 T DELTA 22 Nov.-28 Nov.
27 H EPSILON 29 Nov.-8 Dec.
28 T ZETA 30 Dec.-6 Jan. 2006
Hurricane (H)
Tropical Storm (T)
Tropical Dep.
Extratropical
Wave/ Low
Subtropical Depression
Subtropical Storm (ST)
Position at 0000 UTC
21 Position/ date at 1200 UTC
5 Tropical Cyclone Number
Lambert Conformal Conic
true at 20°and 40° North
120° 115° 110° 105° 100° 95° 90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25° 20° 15° 10° 5° West 0° East 5°
50° 45° 40° 35° 30° 25° 20° 15° 10° 5° North 0° South
90° 85° 80° 75° 70° 65° 60° 55° 50° 45° 40° 35° 30° 25°

HURRICANE SEASON 2005

- Record Setting Year
  - 28 named storms (old record 21 in 1933)
  - 15 Hurricanes
  - 7 Major Hurricanes
  - 4 Category 5 Hurricanes
- First Tropical Cyclone to Strike Spain (Vince)
- Third Most Deadly Hurricane in U.S. History Since 1900 (Katrina)
- Costliest Hurricane in History (Katrina)
- Latest Tropical Storm to Form During a Season (Zeta)
- The first, fourth, and sixth most intense Atlantic Hurricanes
  - Wilma
  - Rita


icanes Passing Within 65nm of New Orle
Arkansas
Mississippi
Alabama
Georgia
Florida
Texas
Louisiana
30N
85W
FLORENCE 1988
CAMILLE 1969
NOTNAMED 1891
NOTNAMED 1855
NOTNAMED 1860
NOTNAMED 1856
NOTNAMED 1889
NOTNAMED 1887
NOTNAMED 1860
ELENA 1985
BOB 1979
FLOSSY 1956
NOTNAMED 1877
NOTNAMED 1879
NOTNAMED 1934
NOTNAMED 1867
BETSY 1965
NOTNAMED 1948
DANNY 1997
NOTNAMED 1947
ETHEL 1960
NOTNAMED 1901
NOTNAMED 1888
NOAA Coastal Services Center
0
158mi

HURRICANE FACTS

- 28 hurricanes and 43 tropical storms have passed within 65 miles of New Orleans during the period 1851-2005.
- Earliest Hurricane to strike the coast of LA was a Category 2 storm which struck the western portions of the state on June15, 1886
- Earliest major hurricane to strike the coast of LA was Hurricane Audrey on June 27, 1957. Audrey struck the western portions of the state packing maximum sustained winds of 150mph.
- Latest Hurricane to strike the coast of LA was Category 1 Hurricane Juan on October28,1985.

Number of hurricanes impacting coastlines from 1900-2005 by categor

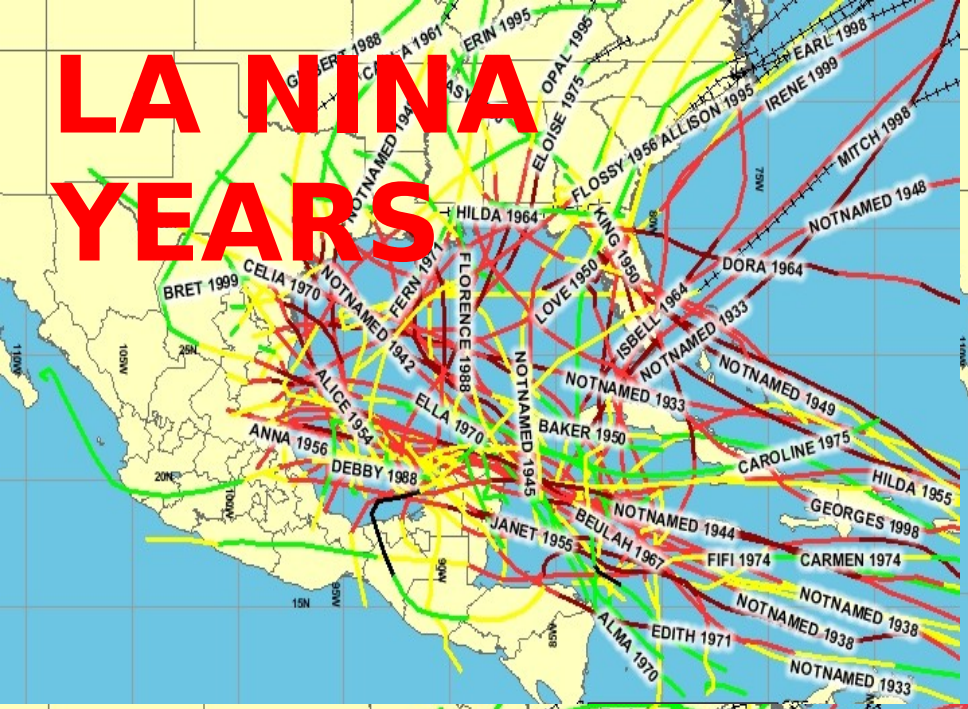
STATE	CAT 1	CAT 2	CAT 3	CAT 4	CAT 5	ALL	CAT 3,4,5
Louisiana	11	5	10	3	1	30	14
Mississippi	1	2	6	0	1	10	7
Alabama	5	1	6	0	0	12	6

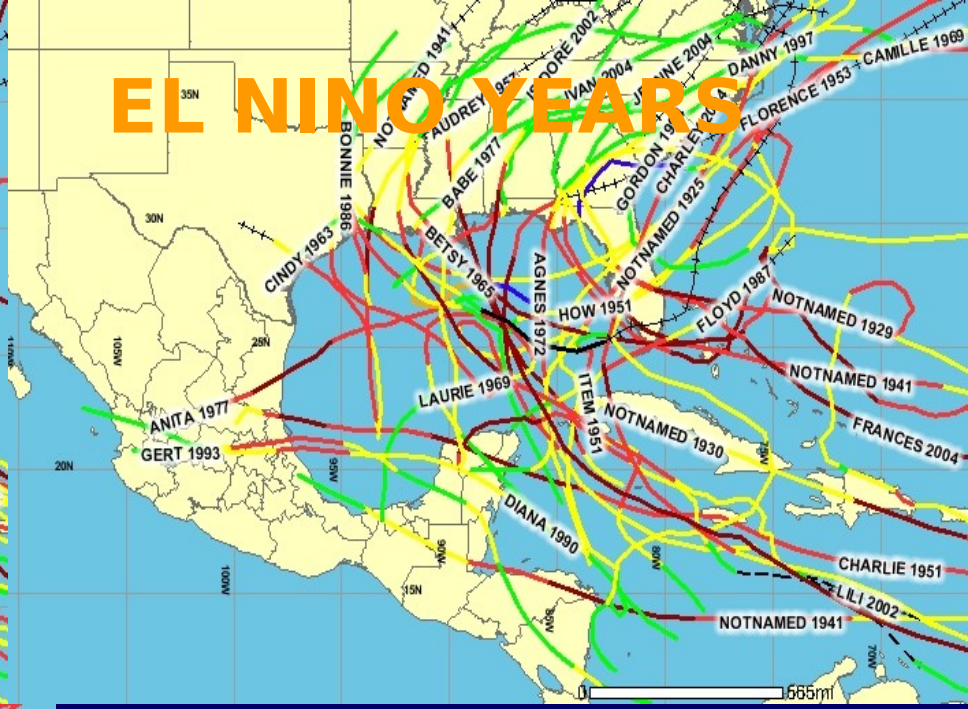
Months of occurrence of Major Hurricanes from 1900-2005 by s

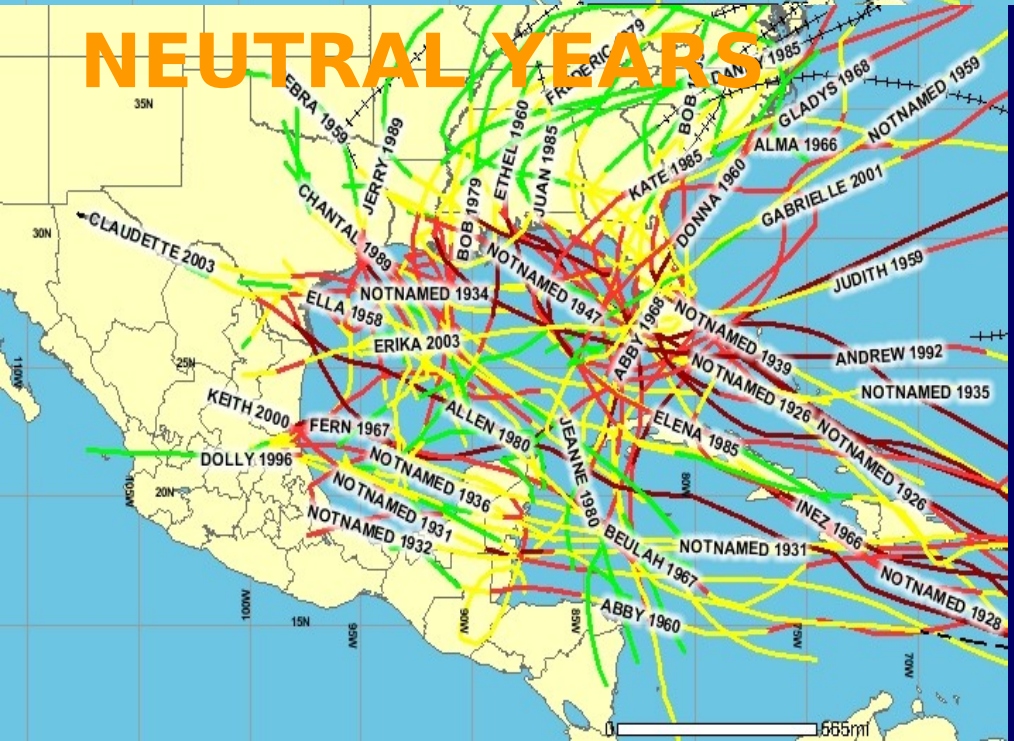
STATE	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	ALL
Louisiana	2	0	5	6	1	14
Mississippi	0	1	2	4	0	7
Alabama	0	1	0	5	0	6

Tropical Storm/Hurricane activity during each ENSO phase.

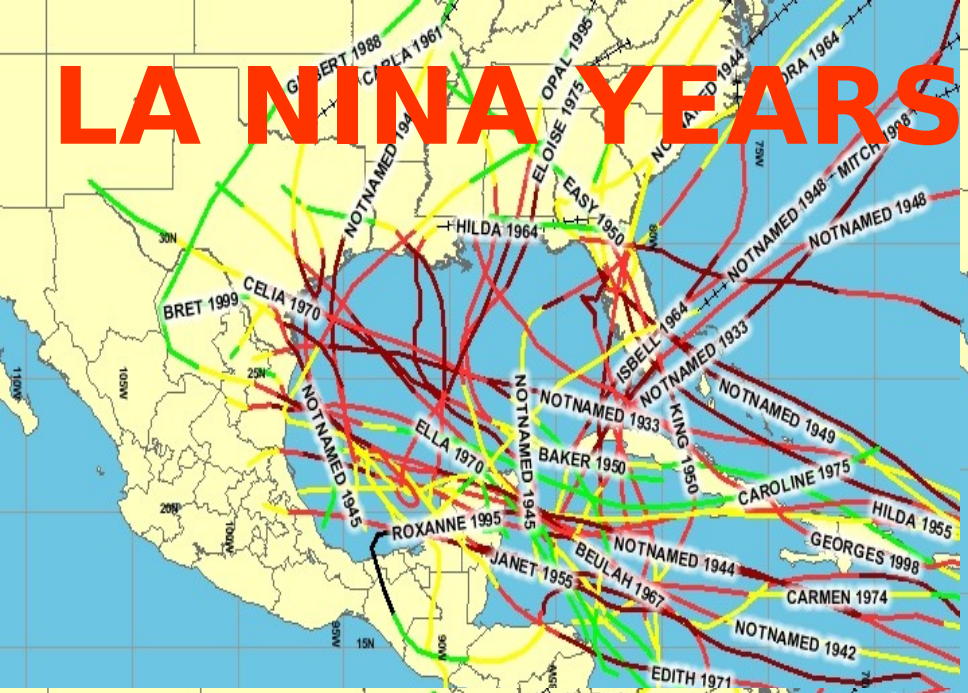
ENSO Phase	Tropical Storms /Hurricanes	% of Normal	Hurricanes	% of Normal	LA/MS Landfall TS/HR 1950-2005	LA/MS Notable Landfalling Hurricanes 1950-2005
EL NINO	8.5	89%	4.9	83%	15	Betsy 1965 Camille 1969
NEUTRAL	10.8	112%	6.3	107%	16	Frederic 1979 Katrina 2005
LA NINA	11.2	117%	6.8	114%	12	Florence 1988 Georges 1998

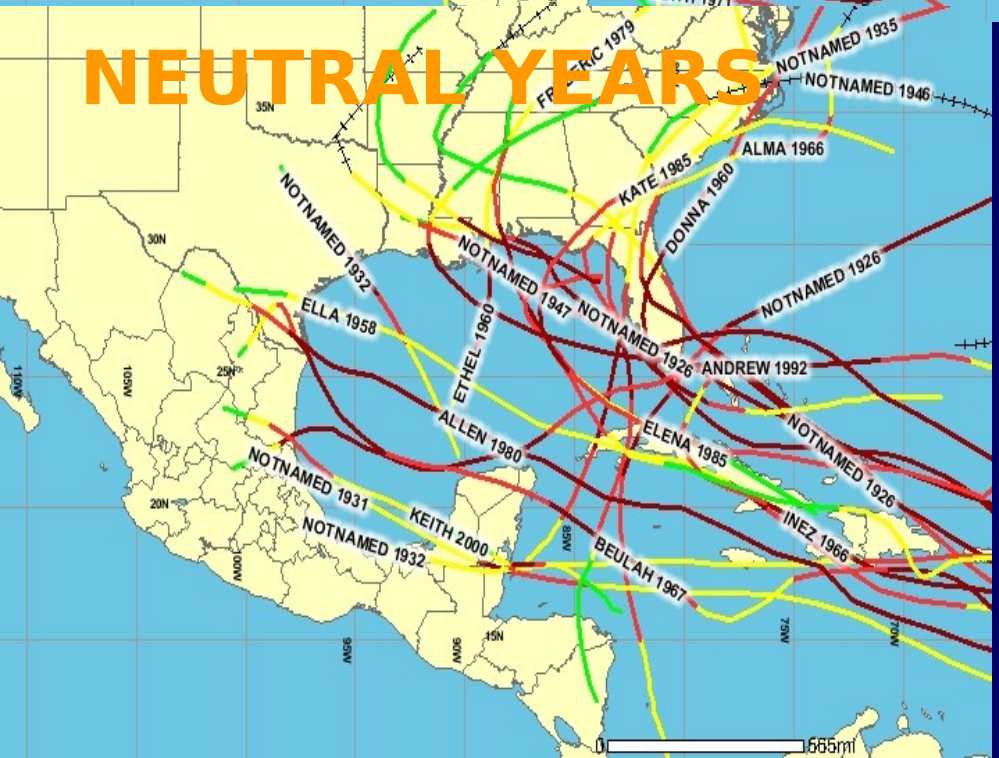






HISTORICAL HURRICANE
IN THE GULF OF MEXICO
1925-2005





HISTORICAL MAJOR HURRICANES IN THE GULF OF MEXICO 1925-2005

Percent of Years with 1 Hurricane

ENSO Phase	LA/MS	FL	NC	TX
El Nino	52%	76%	28%	38%
Neutral	33%	69%	64%	47%
La Nina	43%	70%	65%	65%

Percent of Years with > 1 Hurricane

ENSO Phase	LA/MS	FL	NC	TX
El Nino	19%	38%	14%	5%
Neutral	11%	42%	19%	14%
La Nina	17%	48%	26%	22%

2006 Names

Alberto
Beryl
Chris
Debby
Ernesto
Florence
Gordon
Helene
Isaac
Joyce
Kirk
Leslie
Michael
Nadine
Oscar
Patty
Rafael
Sandy
Tony
Valerie
William
...

Normal and 2006 forecasted hurricane activity

	Tropical Storms/ Hurricanes	All Hurricanes	Category 3-4-5 Hurricanes
Average	9.6	5.9	2.3
NOAA team	Above Average	Above Average	Above Average
Dr. Gray (As of April 4)	17	9	5

* NOAA Forecast will be released May 22

NEW ORLEANS AGAIN IN 2006?